

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) The method of measuring the orientation angle of a rotational axis to a reference line using:

- A. at least one reference string aligned to ~~the~~ said reference line, and
- B. a collimated light source that is rotated about said rotational axis where a collimated light beam from ~~the~~ said collimated light source is projected toward said reference string, and
- C. the minimum distance between ~~the~~ said collimated light beam and ~~the~~ said reference string is measured at two or more than one location locations, and
- D. the distance between ~~the~~ said locations is known,

~~where~~ whereby the said orientation angle of ~~the~~ said rotational axis to ~~the~~ said reference line is calculated.

2. (Currently Amended) The method as set forth in claim 1 where ~~the~~ said rotational axis is attached to a mounting base.

3. (Currently Amended) The method as set forth in claim 1 where the position of ~~the~~ said collimated light beam relative to ~~the~~ said reference string is determined by using the electronic current output of two photocells separated apart by a distance that is smaller than ~~the~~ said reference string diameter when ~~the~~ said collimated light beam contacts ~~the~~ said reference strings string.

4. (Currently Amended) The method as set forth in claim 1 where the position of ~~the~~ said collimated light beam relative to ~~the~~ said reference string is determined by using the electronic output of a CCD camera when ~~the~~ said collimated light beam contacts ~~the~~ said reference string.

5. (Original) The method as set forth in claim 1 where at least one end of said reference string is located with a fixed mounting plate with a groove.

6. (Currently Amended) The method as set forth in claim 1 where

- a. three said locations are chosen on said reference line, and
- b. the distances between ~~the~~ said three locations are measured, and
- c. the distances between ~~the~~ said three locations and ~~the~~ said rotational axis are measured,

where whereby the non-perpendicular projection angle of ~~the~~ said collimated light beam relative to ~~the~~ said rotational axis is calculated.

7. (Currently Amended) The method as set forth in claim 2 where ~~the~~ said collimated light source is movable substantially perpendicular to said reference line and ~~the~~ said movement is measured relative to said mounting base.

8. (Original) The method as set forth in claim 2 where a level indicator is attached to said mounting base.

9. (Original) The method as set forth in claim 7 where a scale is used to measure said movement.

10. (Currently Amended) The method as set forth in claim 6 where ~~the~~ said rotational axis is attached to a mounting base.

11. (Currently Amended) The method as set forth in claim 10 where ~~the~~ said collimated light source is movable substantially perpendicular to said reference line and ~~the~~ said movement is measured relative to said mounting base.

12. (Original) The method as set forth in claim 10 where a level indicator is attached to said mounting base.

13. (Original) The method as set forth in claim 11 where a scale is used to measure said movement.